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## PATENT

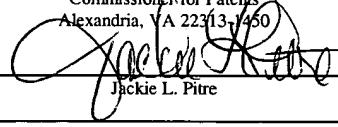
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/629,538  
Confirmation No.: 6864  
Filed: July 29, 2003

Inventor(s):  
Lockwood et al.

Title: STRUCTURAL  
CAROTENOID ANALOGS  
FOR THE INHIBITION  
AND AMELIORATION  
OF DISEASE

§ Examiner: Unknown  
§ Art Unit: 1614  
§ Atty. Dkt. No: 5777-00201

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8	
DATE OF DEPOSIT: 6/18/04	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to: Commissioner for Patents Alexandria, VA 22313-1450	
 Jackie L. Pitre	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

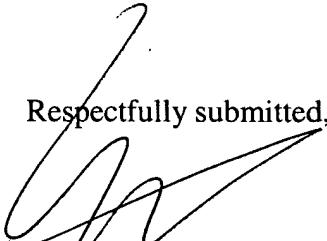
It is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents (references A10 – A18 and B170 – B175) are enclosed for the convenience of the Examiner.



Lockwood et al.  
Appl. Ser. No.: 10/629,538  
Atty. Dckt. No.: 5777-00201

Should any fees be required, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 50-1505/5777-00201/EBM.

Respectfully submitted,

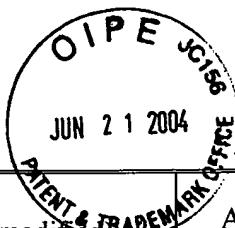


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Date: 6/18/04

**Form PTO-1449 (modified)**

List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DOCKET NO: 5777-00201

SERIAL NO: 10/629,538

APPLICANT: Lockwood et al.

GROUP: 1614

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**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

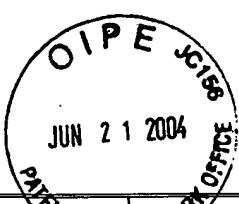
**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION. YES/NO
	A10	WO 02/068385	9/6/2002	PCT			N/A
	A11	WO 03/066583	14-08-2003	PCT			N/A
	A12	WO 98/29111	7/9/1998	PCT			N/A
	A13	JP 2001114673	4/24/2001	JP			Abstract
	A14	JP 08073312	3/19/1996	JP			Abstract
	A15	JP 08337592	12/24/1996	JP			Abstract
	A16	JP 09084591	03/31/1997	JP			Abstract
	A17	JP 10327865	12/15/1998	JP			Abstract
	A18	JP 09202730	08/05/1997	JP			Abstract

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**Form PTO-1449 (modified)**

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**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

B170	Rao and Agarwal "Bioavailability and in vivo antioxidant properties of lycopene from tomato products and their possible role in the prevention of cancer." <i>Nutrition and Cancer</i> 1998, Vol. 31, pp 199-203
B171	Kim et al. "Electronic absorption and Raman studies of the radical anion and dianion of a polyene molecule (19,19',20,20'-tetrnor-b,b-carotene)." <i>Chemical Physical Letters</i> 1997, Vol. 276, pp 418-422.
B172	Duhamel et al., "Terminally substituted linear conjugated polyenes: precursors of molecular wires." <i>Tetrahedron Letters</i> 1993, Vol. 34, pp 7399-7400.
B173	Xu et al. "TXA2-PGI2 balance disorder in rat brain with incomplete cerebral ischemia and reperfusion, and the correction of this imbabance by carthamic xanthophyll." <i>Jinan Daxue Xuebao, Ziran Kexue Yu Yixueban</i> , 1993, Vol. 14, pp 34-38 (Abstract only)
B174	Engster, "Beilstein Institut zur Foerderung der chemischen Wissenschaft, Tnaxanthin, Database accession number 2313964." Carotenoid Chemistry and Biochemistry, Proceedings of the 6th International Symposium on Carotenoids, 1981, pp 1-9 (Abstract only)
B175	International Search Report PCT/US 03/23706, March 2004

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